DIAGNOSTIC SENSITIVITY TEST AGAR

A dual purpose medium for the isolation and antimicrobial susceptibility testing of micro-organisms.

Dehydrated media	
Code number:	500 g: DST20500, 5 kg: DST25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,2 – 7,6

Direction: Suspend **41 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: DST30100, 500 ml: DST30500
Plated media:	55 mm: DST50055, 90 mm: DST50090
Colour:	Yellowish
pH (25 °C):	7,3 – 7,5

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptones	10,00000
Veal heart extract	10,00000
Glucose	2,00000
Sodium chloride	3,00000
Adenine sulphate	0,01000
Guanine hydrochloride	0,01000
Uracil	0,01000
Xanthine	0,01000
Thiamine HCl	0,00003
Buffers	3,00000
Agar	13,00000

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	**Growth**	Incubation time: 24 h
Pseudomonas aeruginosa	ATCC 27853	Good	
Enterococcus faecalis	ATCC 29212	Good	

References: Ericsson et al. (1971) Acta Path. Microbiol. Scan. B. Suppl. 217.

In vitro diagnostic – for professional use only!